

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

ATTY. DOCKET NO.

1190-0456P

APPLICATION NO.

~~NEW~~

APPLICANT

Masako ASAMURA et al.

FILING DATE

March 31, 2000

GROUP

Unassigned
2613U.S. PTO
09/541088

03/31/00

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>[initials]</i>	5 2 5 3 1 2 2	1993-10-12	Chiba et al.			
	5 2 2 9 8 6 2	1993-07-20	Takahashi et al.			
	5 5 4 3 9 3 2	1996-08-06	Chang et al.			
	5 5 3 7 2 1 5	1996-07-16	Niimura et al.			
	5 4 4 0 3 4 5	1995-08-08	Shimoda			
	5 5 1 0 8 9 9	1996-04-23	Kim			
	5 1 2 6 8 5 2	1992-06-30	Nishino et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
<i>[initials]</i>	6 8 4 2 8 5	1994-03-25	JAPAN				
	0 6 0 6 8 5 7	1994-07-20	EUROPE				
	0 5 4 6 6 9 1	1993-06-16	EUROPE				
	0 6 0 0 6 9 0	1993-11-29	EUROPE				
	0 5 5 1 6 7 2	1992-12-14	EUROPE				
	0 6 2 7 8 5 5	1994-05-24	EUROPE				
	0 5 0 5 9 8 5 A2	1992-09-30	JAPAN				
	WO 94 1 7 6 3 1	1994-08-04	WORLD				
	95 2 7 9 7 8	1995-10-19	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

<i>[initials]</i>	Y. Hirano et al., "A Study on Variable-Speed Reproduction of the Digital VTR", SMPTE Journal, June 1983, pp. 636-641
	A. Oppenheim et al., "Discrete-Time Signal Processing", Prentice Hall, Englewood Cliffs, New Jersey 07632, 1989, pp. 101-112
	Yanagihara et al., "A Recording Method of a TV Data on a Consumer Digital VCR", HDTV '93 Proceedings, Vol. II, October 26-28, 1993, Ottawa, Canada
	Charles E. Anderson et al., "Digitale Fernscharzeichnung - Fragen jenseits der Durchführbarkeit; In Fernseh-und Kino-Technik, 1980, No. 4, pp. 119-123
	Manfred Siakkou, Digitale Bild-und Tonspeicherung; 1st edition, Berlin, VEB Verlag Technik, 1985, pp. 246-255, ISBN 3-211-95816-9
	Translation of a submission to the German Patent Office, Munich, by Philips Patentverwaltung GmbH, Hamburg, dated December 13, 1996

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 APPLICANT
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 GROUP
 Unassigned 2613

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
Y	5 1 8 2 6 8 1	January 1993	Yamazaki			
	4 9 4 2 4 8 7	July 17, 1990	Noguchi et al.			
	4 7 4 8 5 2 0	May 1983	Odaka			
	4 6 5 1 2 3 9	March 1987	Omori et al.			
	4 6 7 9 0 9 9	July 1987	Edakubo			
	5 5 3 2 8 3 5	July 2, 1996	Nakagaki et al.			
	4 7 1 9 5 2 5	January 1998	Hasegawa et al.			
	5 1 4 8 3 3 1	September 1992	Kashida et al.			
	4 6 6 3 6 7 3	May 1987	Doutsubo			
	5 4 3 4 6 7 7	July 1995	Oikawa			
	5 1 3 6 3 9 1	August 1992	Minami			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
Y	1 6 2 8 5 6 A	March 1989	JAPAN				
	62 2 8 9 9 5 0 A	December 1987	JAPAN				
	1 1 8 4 6 5 1 A	July 1989	JAPAN				
	GB 2 2 6 5 0 4 7 A	1993-09-15	UNITED KINGDOM				
	EP 0 5 5 1 6 9 4 A1	1993-07-21	EUROPE				
	EP 0 5 2 1 1 9 1 A2	1993-07-01	EUROPE				
	WO 82 0 0 5 5 8	1992-02-18	WORLD				
	GB 2 0 8 6 1 7 1A	1982-05-06	UNITED KINGDOM				
	GB 2 1 8 1 6 1 9A	1987-04-23	UNITED KINGDOM				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

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